



# Pushpanjali

Research Associated

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## About me

- Total 3.5 years work experience
- A versatile Biotechnology post graduate with specialization in plants
- Recognized for smart handling of instruments and accuracy in measurement

## Skills

NGS Library Preparation

Sanger Sequencing

PCR

RAPD, SNP, Allele Specific, AFLP

Tissue Culture

DNA, RNA, Plasmid Isolation

## Objective

Learn new things every day and simultaneously add value to the organization. Seeking long term growth in a position where I can utilize my extensive expertise for mutual growth.

## Experience

- 2021-2022 *MedGenome Labs Limited* Full Time  
The responsibilities include:  
• Performing NGS based wet lab process for PGT and NIPT from isolation to setting up of the sequence run  
• Handling of NextSeq and MiSeq  
• Handling of Hamilton for NIPT samples processing  
• Processing of PGT-M samples through NGS and Sanger based technique
- 2018-2021 *Biokart India Private Limited, Bangalore* Full Time  
The responsibilities include:  
• Experience in *NGS Library Preparation (Illumina Platform)*  
• Performing entire *Sanger Sequencing* which include *QC of sample, PCR, Purification* (column/gel extraction), Loading Samples into the sequencer, *Gel Electrophoresis, Sequence Analysis*  
• *DNA & RNA extraction* from various samples including human ones  
• SOPs manual preparation and Data/Report submission to the clients  
• Preparation of *PCR purification kit* and *DNA extraction kit*  
• Query resolution & reaching out to clients for specific requirements
- 2017-2018 *Banaras Hindu University* Project  
• Did morphological and biochemical characterization of cellulolytic enzyme by *Aspergillus niger* from humus of paddy field  
• Collected various *morphological readings* and examined *cellulase activity* of cellulolytic enzyme by *Aspergillus niger* at various temperature, incubation period and nitrogen sources.
- 2016-2018 *Masters* Banaras Hindu University  
Completed Master of Science degree in Biotechnology with overall GPA of 8.05
- 2013-2016 *Bachelors* Patna Science Collage  
Completed Bachelors of Science degree in Biotechnology with distinction
- 2010-2012 *Senior Secondary* DAV Public School  
Obtained 75% with Physics, Chemistry, Biology, English and Physical Education

## Other Information

- Proficient in English, Hindi and Maithili
- Avid supporter of environmental conservation
- An excellent cook and love cooking